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LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

NEW QUESTION 1
What is defined by a Free Software license?

A. Details of the technical documentation each contributor has to provide.
B. The programming languages which may be used to extend the licensed program.
C. A complete list of libraries required to compile the licensed software.
D. Limits on the purposes for which the licensed software may be used.
E. Conditions for modifying and distributing the licensed software.

Answer: E

NEW QUESTION 2
The file script.sh in the current directory contains the following content:
#!/bin/bash echo $MYVAR
The following commands are used to execute this script: MYVAR=value
./script.sh
The result is an empty line instead of the content of the variable MYVAR. How should MYVAR be set in order to make script.sh display the content of MYVAR?

A. !MYVAR=value
B. env MYVAR=value
C. MYVAR=value
D. $MYVAR=value
E. export MYVAR=value

Answer: E

NEW QUESTION 3
A new server needs to be installed to host services for a period of several years. Throughout this time, the server should receive important security updates from its Linux distribution.
Which of the following Linux distributions meet these requirements? (Choose two.)

A. Ubuntu Linux LTS
B. Fedora Linux
C. Debian GNU/Linux Unstable
D. Ubuntu Linux non-LTS
E. Red Hat Enterprise Linux

Answer: AE

NEW QUESTION 4
What is true about the dmesg command? (Choose two correct answers.)

A. It traces the execution of a command and shows each step the program carries out.
B. It sends messages to the command lines of all current user sessions.
C. It displays the content of the Linux kernel's ring buffer.
D. It immediately outputs all new messages written to the system journal.
E. It might not display older information because it was overwritten by newer information.

Answer: CE

NEW QUESTION 5
What is true about links in a Linux file system?

A. A symbolic link can only point to a file and not to a directory.
B. A hard link can only point to a directory and never to a file.
C. When the target of the symbolic link is moved, the link is automatically updated.
D. A symbolic link can point to a file on another file system.
E. Only the root user can create hard links.

Answer: D

NEW QUESTION 6
FILL BLANK
What keyword is used in a shell script to begin a loop? (Specify one keyword only, without any additional information.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
for

NEW QUESTION 7

Which of the following commands finds all lines in the file operating-systems.txt which contain the term linux, regardless of the case?

A. igrep linux operating-systems.txt
B. less -i linux operating-systems.txt
C. grep -i linux operating-systems.txt
D. cut linux operating-systems.txt
E. cut [Ll] [Ii] [Nn] [Uu] [Xx] operating-systems.txt

Answer: C

NEW QUESTION 8
Where is the operating system of a Raspberry Pi stored?

A. On the master device attached to the Raspberry Pi's IDE bus.
B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
C. On a removable SD card which is put into the Raspberry Pi.
D. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
E. On rewritable flash storage which is built into the Raspberry Pi.

Answer: C

NEW QUESTION 9
What is the UID of the user root?

A. 1
B. -1
C. 255
D. 65536

Answer: E

NEW QUESTION 10
Which of the following commands shows the absolute path to the current working directory?

A. who
B. cd ..
C. pwd
D. ls -l
E. cd ~/home

Answer: C

NEW QUESTION 10
Which package management tool is used in Red Hat-based Linux Systems?

A. portage
B. rpm
C. apt-get
D. dpkg
E. packagectl

Answer: B

NEW QUESTION 15
The ownership of the file doku.odt should be changed. The new owner is named tux. Which command accomplishes this change?

A. chmod u=tux doku.odt
B. newuser doku.odt tux
C. chown tux doku.odt
D. transfer tux: doku.odt
E. passwd doku.odt:tux

Answer: C

NEW QUESTION 18
Which of the following commands sorts the output of the command export-logs?

A. export-logs < sort
B. export-logs > sort
C. export-logs & sort
D. export-logs | sort
E. export-logs <> sort

Answer: D

NEW QUESTION 21

Which of the following permissions are set on the /tmp/ directory?

A. rwxrwxrwt
B. ------rwX
C. rwSrw-rw
D. rwxrwS--
E. r-xr-X--t

Answer: A

NEW QUESTION 22
Which of the following commands are used to get information on the proper use of ls? (Choose two correct answers.)

A. option ls
B. usage ls
C. manual ls
D. man ls
E. info ls

Answer: DE

NEW QUESTION 27
The current directory contains the following file:
-rw-r—r— 1 root exec 24551 Apr 2 12:36 test.sh
The file contains a valid shell script, but executing this file using ./test.sh leads to this error: bash: ./test.sh: Permission denied
What should be done in order to successfully execute the script?

A. The file's extension should be changed from .sh to .bin.
B. The execute bit should be set in the file's permissions.
C. The user executing the script should be added to the exec group.
D. The SetUID bit should be set in the file's permissions
E. The script should be run using #!./tes
F. sh instead of ./test.sh.

Answer: B

NEW QUESTION 28
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